

*B2*  
5. (Twice Amended) An isolated nucleic acid encoding an *E. cloacae* polypeptide or a fragment thereof, wherein the nucleic acid comprises at least 25 sequential bases of SEQ ID NO: 1394, and wherein SEQ ID NO: 1394 is not immediately contiguous with both of the coding sequences with which it is immediately contiguous in the naturally-occurring *E. cloacae* genome.

9. (Twice Amended) A probe comprising a nucleotide sequence including at least 25 sequential nucleotides of SEQ ID NO: 1394, wherein SEQ ID NO: 1394 is not immediately contiguous with both of the coding sequences with which it is immediately contiguous in the naturally-occurring *E. cloacae* genome.

*B3*  
*Sub C*  
10. (Twice Amended) An isolated nucleic acid comprising a nucleotide sequence of at least 30 consecutive nucleotides in length, wherein the sequence can hybridize under conditions of high stringency to a nucleic acid comprising SEQ ID NO: 1394 which encodes a biologically active polypeptide of *E. cloacae*, and wherein said isolated nucleic acid is not immediately contiguous with both of the coding sequences with which SEQ ID NO: 1394 is immediately contiguous in the naturally-occurring *E. cloacae* genome.

*B4*  
11. (Amended) A composition comprising the nucleic acid of claim 5 and a pharmaceutically acceptable carrier.

12. (Amended) A composition of claim 11, further comprising an adjuvant.

13. (Amended) A composition of claim 11, further comprising one or more pharmaceutically active ingredients.

Kindly ~~add~~ claims 29-46 as follows:

29. (New) An isolated nucleic acid encoding a polypeptide which comprises SEQ ID NO: 7056, wherein the isolated nucleic acid is not immediately contiguous with both of the coding sequences with which it is immediately contiguous in the naturally-occurring *E. cloacae* genome.

30. (New) A recombinant expression vector comprising the nucleic acid of claim 29 operably linked to a transcription regulatory element.

31. (New) A cell comprising the recombinant expression vector of claim 30.

*BS*  
32. (New) A method for producing an *E. cloacae* polypeptide comprising culturing the cell of claim 31 under conditions that permit expression of the polypeptide.

33. (New) An isolated nucleic acid which encodes a polypeptide of *E. cloacae* consisting of a range of residues which is 3 - 222, 6 - 222, or 13 - 222 of SEQ ID NO: 7056, wherein the isolated nucleic acid is not immediately contiguous with both of the coding sequences with which it is immediately contiguous in the naturally-occurring *E. cloacae* genome.

34. (New) A recombinant expression vector comprising the nucleic acid of claim 33 operably linked to a transcription regulatory element.

35. (New) A cell comprising the recombinant expression vector of claim 33, wherein the cell expresses the polypeptide encoded by SEQ ID NO: 1394.

*No vector of 33*

36. (New) A method for producing an *E. cloacae* polypeptide comprising culturing the cell of claim 33 under conditions that permit expression of the polypeptide encoded by SEQ ID NO: 1394.

37. (New) An isolated nucleic acid encoding a polypeptide which comprises at least 90% sequence identity with SEQ ID NO: 7056, wherein the isolated nucleic acid is not immediately contiguous with both of the coding sequences with which it is immediately contiguous in the naturally-occurring *E. cloacae* genome.

38. (New) The isolated nucleic acid of claim 37, wherein the polypeptide comprises at least 95% sequence identity with SEQ ID NO: 7056.

39. (New) A recombinant expression vector comprising the nucleic acid of claim 37 operably linked to a transcription regulatory element.

40. (New) A cell comprising the recombinant expression vector of claim 37.

41. (New) A method for producing an *E. cloacae* polypeptide comprising culturing the cell of claim 40 under conditions that permit expression of the polypeptide.

42. (New) An isolated nucleic acid consisting of SEQ ID NO: 1394.

43. (New) A recombinant expression vector comprising the nucleic acid of claim 42, operably linked to a transcription regulatory element.

44. (New) A cell comprising the recombinant expression vector of claim 43, wherein the cell expresses the polypeptide encoded by SEQ ID NO: 1394.

45. (New) A method for producing an *E. cloacae* polypeptide comprising culturing the cell of claim 44 under conditions that permit expression of the polypeptide encoded by SEQ ID NO: 1394.

46. (New) An isolated nucleic acid consisting of nucleotides 7-669, 16-669, or 37-669 of SEQ ID NO: 1394.

47. (New) A recombinant expression vector comprising the nucleic acid of claim 46, operably linked to a transcription regulatory element.

48. (New) A cell comprising the recombinant expression vector of claim 47, wherein the cell expresses the polypeptide encoded by nucleotides 7-669, 16-669, or 37-669 of SEQ ID NO: 1394.

49. (New) A method for producing an *E. cloacae* polypeptide comprising culturing the cell of claim 48 under conditions that permit expression of the polypeptide encoded by nucleotides 7-669, 16-669, or 37-669 of SEQ ID NO: 1394.

50. (New) A probe comprising a nucleotide sequence including at least 30 sequential nucleotides of SEQ ID NO: 1394, wherein the isolated nucleic acid is not immediately contiguous with both of the coding sequences with which SEQ ID NO: 1394 is immediately contiguous in the naturally-occurring *E. cloacae* genome.